



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

**CONSTRUCTION CODE COMMISSION
BUREAU OF CONSTRUCTION CODES**

Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

AGENDA

November 5, 2008
9:30 a.m.

1. Call to Order and Determination of Quorum
2. Approval of Agenda (Pages 1-2)
3. Approval of Minutes – September 10, 2008 (Pages 10-15)
4. Director's Report I. Poke
5. Ordinances (Pages 16-17) S. Fisher
 - a) Rescinding Ordinance – Document 08-71
6. Applications for Approval to Administer and Enforce (Page 18) S. Fisher
 - a) With Certified Ordinance - Document 08-64
7. Performance Evaluation Report (Pages 19-21) S. Fisher
 - a) Benzie County – Document 08-69
8. Applications for Program Approval - Document 08-65 S. Fisher
(Pages 22-30)
9. Applications for Instructor Approval – Document 08-66 S. Fisher
(Pages 31-33)
10. Applications for Inspector Registration - Documents 08-67a-f S. Fisher
(Pages 34-40)

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Agenda - Construction Code Commission – November 5, 2008
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11. Inspector Registration Appeal S. Fisher
 - a) Christopher J. Redmond – Document 08-62 (Pages 41-63)
12. Product Approval – Plumbing (Pages 64-67) B. Konyndyk
 - a) Update Approval of Penner Patient Care, Cascade Bath Systems, Premier, Model 360020-1P – Document 08-70
 - b) Schier Grease Interceptor – Document 08-73
13. Public Comment
14. Old Business
15. New Business
16. 2009 Schedule – January 9th, March 4th, May 6th, July 1st, September 2nd, November 4th
17. Adjournment

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Holly Velez at (517) 241-9302 at least 10 work days before the event.



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DEPARTMENT OF LABOR & ECONOMIC GROWTH
BUREAU OF CONSTRUCTION CODES
Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

AMENDED MINUTES

July 9, 2008
9:30 a.m.

MEMBERS PRESENT

Mr. William Benoit, Jr.
Mr. Duane Branch
Mr. Robert DeBerardino
Ms. Kelly Hunt
Mr. Robert Jagenberg
Mr. Kenneth Lawless
Mr. Nelson McMath
Mr. Sean O'Neil
Mr. Don Pratt
Mr. Edwin Tatem
Ms. Beth Yorke
Ms. Karen Towne, State Fire Marshal Representative

MEMBERS ABSENT

Mr. William Donovan
Ms. Dawn Holtrop
Mr. Clifton Lewis
Mr. Amru Meah

DEPARTMENT OF LABOR & ECONOMIC GROWTH PERSONNEL ATTENDING

Mr. Henry L. Green, Director
Mrs. Beth Aben, Deputy Director
Mrs. Holly Velez, Secretary to Mr. Green
Ms. Margie Hebden, Secretary to Mrs. Aben
Mr. David Viges, Director, Office of Management Services
Mr. Scott Fisher, Director, Office of Local Government & Consumer Services
Mr. Larry Lehman, Chief, Building Division
Mr. Charles Curtis, Assistant Chief, Building Division
Mr. Todd Cordill, Assistant Chief, Plan Review
Mr. Daniel O'Donnell, Chief, Electrical Division
Mr. Tennison Barry, Chief, Mechanical Division
Mr. Kevin Kalakay, Assistant Chief, Mechanical Division
Mr. Robert Konyndyk, Chief, Plumbing Division

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OTHERS IN ATTENDANCE

Lynn Briggs, Sheet Metal Air Conditioning Contractors' National Association
Lee Schwartz, Michigan Association of Home Builders
Corey Roblee, International Code Council
Bert Gale, AGS
Martin Super, Village of Decatur
Andrea Vaughn, Village of Decatur

1. CALL TO ORDER AND DETERMINATION OF QUORUM

Chairperson Pratt called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

2. APPROVAL OF AGENDA

A **MOTION** was made by Commissioner O'Neil and supported by Commissioner Branch to approve the agenda. **MOTION CARRIED.**

3. APPROVAL OF MINUTES

A **MOTION** was made by Commissioner DeBerardino and supported by Commissioner Lawless to approve the minutes of the May 7, 2008 meeting. **MOTION CARRIED.**

4. DIRECTOR'S REPORT

Mr. Green reported that this would be his last Commission meeting. He praised the staff for their dedication and commitment to the bureau. He stated that he leaves the bureau in very capable hands and that the staff is more than capable and has the capacity to look at any issue that comes before this agency and provide good direction that can be relied on.

Mr. Green announced that the bureau appointed a new Deputy Director, Beth Aben who replaces Mark Sisco. He shared that she is very well capable of performing the duties of that position. He has absolute confidence in her and her abilities to lead this agency.

Mr. Green shared that the process is underway to select a new Bureau Director. In the interim, while they are not appointing an Acting Director, the Agency will rely on Beth to manage the program. Based on her relationship throughout the Department and her history, she is very well suited to provide this leadership.

Mr. Green stated that the opportunity to become the President and CEO of the National Institute of Building Sciences (NIBS) was something he could not pass up. NIBS is a program that works at the federal level dealing with building science. They help develop the standards by which the codes are written. They do a lot of forensic work and

exploration in building sciences. He plans to still have contact with Michigan and the other states in an attempt to focus on Disaster Mitigation.

Chairman Pratt added to Henry's accomplishments by stating that he has always been impressed by Henry's open door policy in allowing the industry the opportunity to reach out to him for input and guidance. He thanked Henry for being a great mentor and a true friend. He thanked him for all he has done for the Commission, Building Officials in the State of Michigan, every local community, and for the citizens of the State of Michigan by always being fair, honest, truthful, and maintaining his open door policy. He led the Commission in a standing ovation for his efforts. Chairman Pratt informed the Commission that a retirement party would be held towards the end of the year and that the Commission would be notified when the details are determined.

Mr. Green introduced the new Commissioner, Bill Benoit, representing code officials. He works for Oakland Township and is active with the Code Officials Conference of Michigan. He also announced the reappointments of Clifton "Jack" Lewis, Nelson McMath, and Sean O'Neil.

Mr. Green shared with the Commission concerns with the computer program that generates the credit statements for registered officials. The bureau is working on the issue diligently and it is hopeful that the credit statements will be sent out soon.

Mr. Green reported that the bureau went before the Legislature a couple of weeks ago in an attempt to address the funding concern for this agency. It is his understanding that the budget for Fiscal Year 2009 will include a replacement of \$3,000,000, used to fund Fire Service Activities when the Fire Services were housed within the bureau, back into the Construction Code Fund. He understands that there is also an agreement between the leadership of both the House and the Senate to move the Fee Bills sometime this year. There was a substitute Bill submitted to rollback the fee increase in 2012. This will require the bureau to introduce new Fee Bill's in 2011 to maintain sound funding for the bureau.

5. APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE

a) With Proposed Ordinance – Document 08-43a

Mr. Scott Fisher presented an application for approval to administer and enforce and proposed ordinance from: Village of Decatur/Van Buren County (Michigan Mechanical Code).

A **MOTION** was made by Commissioner Branch and supported by Commissioner Tatem to accept the recommendation of staff to approve the application and ordinance for approval to administer and enforce the above code upon receipt of a certified ordinance listed on Document 08-43a. **MOTION CARRIED.**

b) With Certified Ordinance – Document 08-43b

Mr. Scott Fisher presented applications for approval to administer and enforce and certified ordinances from White Pigeon Township/St. Joseph County (Michigan Plumbing Code); City of Standish/Arenac County (Michigan Building, Electrical, Mechanical and Plumbing Codes); Lansing Charter Township/Ingham County (Michigan Electrical, Mechanical and Plumbing Codes).

A **MOTION** was made by Commissioner DeBerardino and supported by Commissioner McMath to accept the recommendation of staff to approve the applications and ordinances for approval to administer and enforce the above codes listed on Document 08-43b. **MOTION CARRIED.**

6. APPLICATIONS FOR PROGRAM APPROVAL – Document 08-44

Mr. Scott Fisher presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

A **MOTION** was made by Commissioner O'Neil and supported by Commissioner Benoit to approve the applications as submitted. **MOTION CARRIED.** (Commissioner Branch abstained.)

**7. APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL
Document 08-45**

Mr. Scott Fisher presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

A **MOTION** was made by Commissioner Jagenberg and supported by Commissioner Benoit to approve the applications as submitted. **MOTION CARRIED.** (Commissioner Branch abstained.)

**8. APPLICATIONS FOR REGISTRATION OF CODE OFFICIALS
Document 08-46a-d**

Mr. Scott Fisher presented a list of applications for registration as building officials, building inspectors, plan reviewers, and mechanical inspectors. It is the recommendation of staff that the individuals listed be approved.

A **MOTION** was made by Commissioner Yorke and supported by Commissioner Branch to approve the applications. **MOTION CARRIED.**

9. **INSPECTOR REGISTRATION APPEAL**

- a) Timothy P. Israel – Document 08-51

Mr. Scott Fisher presented information regarding Mr. Israel's appeal of the denial of his request for registration as a building inspector.

Following Mr. Henry Green's notification and explanation of Mr. Israel's letter and Summons and Complaint that was faxed to our office this morning and discussion by the Commission, a **MOTION** was made by Commissioner Tatem and supported by Commissioner O'Neil to accept the recommendation of staff to deny Mr. Israel's request for provisional registration as a building inspector. **MOTION CARRIED.**

10. **PETITION FOR APPROVAL OF MATERIALS, PRODUCTS & METHODS (PLUMBING)**

Mr. Robert Konyndyk presented the following products for installation and use in the State of Michigan. It is the recommendation of staff that the following products be approved:

- a) **Liberty Pumps, SUMP JET Approval Petition**
Document 08-47
- b) **Advanced Drainage Approval Request for ADS N-12 WT IB**
Document 08-48
- c) **Hill-Rom Patient Care Module, Models 520 and 300 Floor Mount Units**
Document 08-49
- d) **Product Approval Request for Kohler Co., Personal Hygiene Toilet Seats**
Document 08-50

A **MOTION** was made by Commissioner Lawless and supported by Commissioner Jagenberg to approve these products for installation and use in the State of Michigan subject to the conditions of use and installation. **MOTION CARRIED.**

11. **REQUEST FOR FORMAL INTERPRETATION** – Document 08-57

Mr. Robert Konyndyk presented a Request for a Formal Interpretation, submitted by Tim Haggart, of Sections 1111 Subsoil Drains; 1112 Building Subdrains; 106.4 By whom application is made (permits); and Sections 15 and 31 of the State Plumbing Act, 2002 PA 733. With regards to Question 1, it is the recommendation of staff to accept and issue this interpretation in accordance with the Michigan Plumbing Code.

Following discussion by the Commission, a **MOTION** was made by Commissioner DeBerardino and supported by Commissioner McMath to accept staff's recommendation with regards to Question 1 as noted on Document 08-57. **MOTION CARRIED.**

With regards to Question 2, this is a licensing action issue and it is the recommendation of staff to refer this matter to the State Plumbing Board.

Following discussion by the Commission, a **MOTION** was made by Commissioner Branch and supported by Commissioner O'Neil to accept staff's recommendation to refer this matter to the State Plumbing Board as noted on Document 08-57. **MOTION CARRIED.**

12. **PUBLIC COMMENT**

Mark Super from the Village of Decatur thanked the Commission for approving the Village's Application to Administer an Enforce the Michigan Mechanical Code.

Mr. Green introduced Corey Roblee. He is a representative for the International Code Council in this area and services Michigan and provides assistance to states and local units of government.

Mr. Green asked to make a final comment. He wanted to be sure to recognize three individuals that have provided an immense amount of assistance to him throughout the years. He thanked Beth Aben who was his first Administrative Assistant when he first started out as the Director; LeeAnn Allaire, his Administrative Assistant for several years who has remained with the bureau but is now serving as the Budget Analyst in the Office of Administrative Services; and Holly Velez, his current Administrative Assistant who has been phenomenal with all the travel and balancing of his schedule. He announced to the Commission that if he has the opportunity to take her to Washington, D.C. he will because that is how much he supports her and the large workload she handles on his behalf. Thank you, Holly.

Lee Schwartz thanked Henry for the past 17 years working together. He stated that it is tough to see him go but he is very happy for him. The National Institute of Building Sciences gain will be a loss for all of us here in the State of Michigan. He has been very proud to have had the ability to work with him both at the state and at the national level through ICC. On behalf of the Home Builders, thank you for all you have done for the industry.

13. **OLD BUSINESS**

None.

July 9, 2008

14. **NEW BUSINESS**

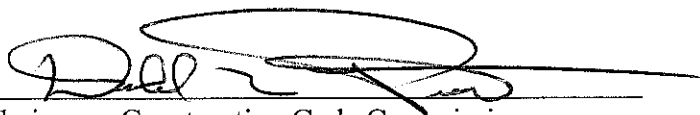
None.

15. **2008 MEETING SCHEDULE** – September 10th, November 5th

16. **ADJOURNMENT**

A **MOTION** was made by Commissioner Branch and supported by Commissioner McMath to adjourn the meeting at approximately 10:20 a.m. **MOTION CARRIED.**

APPROVED:


Chairman, Construction Code Commission

9/10/08
Date



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
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**CONSTRUCTION CODE COMMISSION
DEPARTMENT OF LABOR & ECONOMIC GROWTH
BUREAU OF CONSTRUCTION CODES**

Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

MINUTES

September 10, 2008
9:30 a.m.

MEMBERS PRESENT

Mr. William Benoit, Jr.
Mr. Duane Branch
Mr. Robert DeBerardino
Ms. Dawn Holtrop
Ms. Kelly Hunt
Mr. Robert Jagenberg
Mr. Clifton Lewis
Mr. Nelson McMath
Mr. Amru Meah
Mr. Sean O'Neil
Mr. Don Pratt
Mr. Edwin Tatem
Ms. Beth Yorke

MEMBERS ABSENT

Mr. William Donovan
Mr. Kenneth Lawless
Mr. Tony Sanfilippo

DEPARTMENT OF LABOR & ECONOMIC GROWTH PERSONNEL ATTENDING

Mr. Irvin J. Poke, Director
Mrs. Beth Aben, Deputy Director
Mrs. Holly Velez, Secretary to Mr. Poke
Ms. Margie Hebden, Secretary to Mrs. Aben
Mr. David Vigas, Director, Office of Management Services
Mr. Scott Fisher, Director, Office of Local Government & Consumer Services
Mr. Larry Lehman, Chief, Building Division
Mr. Charles Curtis, Assistant Chief, Building Division
Mr. Todd Cordill, Assistant Chief, Plan Review
Mr. Daniel O'Donnell, Chief, Electrical Division
Mr. Jim Hennesey, Assistant Chief, Electrical Division

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Mr. Tennison Barry, Chief, Mechanical Division
Mr. Kevin Kalakay, Assistant Chief, Mechanical Division
Mr. Andrew B. Neuman, Assistant Chief, Plumbing Division
Mrs. LeeAnn Allaire, Analyst, Office of Management Services
Mr. Jonathon Paradine, Senior Inspector, Mechanical Division
Mr. Joe Madziar, Senior Inspector, Plumbing Division
Mr. Lar Braun, Mechanical Inspector, Mechanical Division

OTHERS IN ATTENDANCE

Tom Walsh, West Bloomfield Township
Mark Koppelo, West Bloomfield Township
Philip Gentile, West Bloomfield Township
Lee Schwartz, Michigan Association of Home Builders
Lynn Briggs, Contractors Legislative Services
Robert Palmer, Vienna Township
Robert Davis, Vienna Township
Bert Gale, AGS
Corey Roblee, International Code Council

1. CALL TO ORDER AND DETERMINATION OF QUORUM

Chairperson Pratt called the meeting to order at approximately 9:34 a.m. A quorum was determined present at that time.

2. APPROVAL OF AMENDED AGENDA

A **MOTION** was made by Commissioner McMath and supported by Commissioner Branch to approve the amended agenda. **MOTION CARRIED.**

3. APPROVAL OF MINUTES

A **MOTION** was made by Commissioner Benoit and supported by Commissioner DeBerardino to approve the amended minutes of the July 9, 2008 meeting by adding Mr. Scott Fisher. **MOTION CARRIED.**

4. APPOINTMENT OF BCC DIRECTOR – Document 08-68

Chairman Pratt read to the Commission Document 08-68 announcing Irvin J. Poke as the Director of the Bureau of Construction Codes.

5. **DIRECTOR'S REPORT**

Mr. Poke thanked the Commission and those that have supported him throughout the years.

Mr. Poke thanked Beth Aben for her fine job of handling the bureau in the interim between Henry Green's departure and his appointment.

The ICC Final Action Hearings are scheduled for September 17th – 23rd and bureau staff will be attending.

The Code Officials Conference of Michigan (COCM) will be holding their Fall Conference on October 7th-10th. Mr. Poke will be attending on the 9th and 10th in Traverse City.

Welcome back to Commissioner Meah who due to personal reasons has been unable to attend for several meetings. It's great to have you back!

Mrs. Aben thanked Holly Velez for doing a great job of keeping everything on track and all her assistance. She also thanked her Secretary, Margie Hebden, for all her assistance.

6. **PROPOSED 2009 MEETING DATES** – Document 08-58

A **MOTION** was made by Commissioner Lewis and supported by Commissioner O'Neil to approve the 2009 meeting dates. **MOTION CARRIED.**

7. **REPORT OF ASSISTANCE TO LOCAL ENFORCING AGENCIES**
Document 08-56

Ms. Beth Aben presented, for information only, a list of municipalities for which the bureau is providing assistance.

8. **REPORT OF RESCINDING ORDINANCE** – Document 08-61

Mr. Scott Fisher presented a certified ordinance from Worth Township/Sanilac County rescinding their building, electrical, mechanical, and plumbing ordinance and transferring the authority to the County of Sanilac. It is the recommendation of staff that this ordinance be approved.

A **MOTION** was made by Commissioner Branch and supported by Commissioner Meah to approve the ordinance. **MOTION CARRIED.**

9. **APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE**

a) **With Certified Ordinance – Document 08-52**

Mr. Scott Fisher presented an application for approval to administer and enforce and certified ordinances from the City of Newaygo/Newaygo County (Michigan Building, Electrical, Mechanical and Plumbing Codes).

A **MOTION** was made by Commissioner DeBerardino and supported by Commissioner Branch to accept the recommendation of staff to approve the applications and ordinances for approval to administer and enforce the above codes listed on Document 08-52. **MOTION CARRIED.**

10. **PERFORMANCE EVALUATION REPORT**

a) **Vienna Township/Genesee County - Document 08-59**

Mr. Scott Fisher presented a performance evaluation report of Vienna Township/Genesee County. It is the recommendation of staff to accept the report with the recommendations as outlined.

Following discussion by Mr. Robert Palmer, Building Official, and the Commission, a **MOTION** was made by Commissioner Meah and supported by Commissioner McMath to accept the recommendations of staff. **MOTION CARRIED.**

11. **APPLICATIONS FOR PROGRAM APPROVAL – Document 08-53**

Mr. Scott Fisher presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

A **MOTION** was made by Commissioner O'Neil and supported by Commissioner Benoit to approve the applications as submitted. **MOTION CARRIED.**

12. **APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL**
Document 08-54

Mr. Scott Fisher presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

A **MOTION** was made by Commissioner Meah and supported by Commissioner Jagenberg to approve the applications as submitted. **MOTION CARRIED.**

13. **APPLICATIONS FOR REGISTRATION OF CODE OFFICIALS**
Document 08-55a-f

Mr. Scott Fisher presented a list of applications for registration as building officials, building inspectors, plan reviewers, electrical inspectors, and mechanical inspectors. It is the recommendation of staff that the individuals listed be approved.

A **MOTION** was made by Commissioner Benoit and supported by Commissioner O'Neil to approve the applications. **MOTION CARRIED.** (Commissioners Meah & DeBerardino abstained.)

14. **INSPECTOR REGISTRATION APPEAL**

a) Mark B. Koppelo – Document 08-60

Mr. Scott Fisher presented information regarding Mr. Koppelo's appeal of the denial of his request for registration as a building inspector.

After discussion by the Commission a **MOTION** was made by Commissioner Meah and supported by Commissioner Benoit to remand this back to Department Staff for further consideration. Commissioner Branch requested that if the additional information Mr. Koppelo provides still does not qualify him for registration as a building inspector, he would like staff to show the Commission how close he is to qualifying. **MOTION CARRIED.** (Commissioner Tatem Abstained)

15. **PUBLIC COMMENT**

None.

16. **OLD BUSINESS**

None.

17. **NEW BUSINESS**

None.

18. **2009 MEETING SCHEDULE** – January 9th, March 4th, May 6th, July 1st, September 2nd, November 4th

19. **ADJOURNMENT**

A **MOTION** was made by Commissioner Branch and supported by Commissioner McMath to adjourn the meeting at approximately 10:34 a.m. **MOTION CARRIED.**

APPROVED:

Chairman, Construction Code Commission

Date

DRAFT



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

DOCUMENT #08-71

October 15, 2008

TO: Members of the Construction Code Commission
FROM: Scott D. Fisher, Director
Office of Local Government and Consumer Services
SUBJECT: Ordinance

Attached is one ordinance received from a unit of government. This ordinance has been reviewed and found to be acceptable.

RECOMMENDATION: It is the recommendation of staff that the Construction Code Commission accept the ordinance listed on the following page.

SDF/jlp

Attachment

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<u>LOG #</u>	<u>DATE RECEIVED</u>	<u>GOVERNMENTAL SUBDIVISION</u>	<u>ORDINANCE #</u>	<u>DATE OF ADOPTION</u>	<u>CODE</u>	<u>COMMENT</u>
1. B-09-01	10/10/2008	City of Hillisdale/Hillisdale County	2008-3	9/15/2008		Rescinding Building ordinance and transferring A & E to the County of Hillisdale



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DOCUMENT #08-64

October 15, 2008

TO: Members of the Construction Code Commission
FROM: Scott D. Fisher, Director
Office of Local Government and Consumer Services
SUBJECT: Application for Approval to Administer and Enforce a Code

The following unit of government has submitted an application for approval to administer and enforce the Michigan code, along with the appropriate ordinance:

- 1. P-09-01 City of Three Rivers/St. Joseph**
Michigan Plumbing Code
Ordinance #754; Adopted 9/2/2008
Inspector/Plan Reviewer: John Dobberteen (Registration #004925)
Previously state enforced

RECOMMENDATION: It is the recommendation of staff that the unit of government listed be approved to administer and enforce the code in accordance with their application for approval and certified ordinance.

SDF/jlp

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September 10, 2008

DOCUMENT NO. 08-69

TO: Members of the Construction Code Commission

FROM: Irvin J. Poke, AIA
Director, Bureau of Construction Codes

RE: Benzie County
Summary Report PE 07-082

Attached is a summary report of the performance evaluation of Benzie County.

The information provided in the summary report reveals that the County has responded satisfactorily to each of the recommendations enumerated in the performance evaluation report.

Recommendation: Based on the attached summary report, it is the recommendation of staff to close the performance evaluation report.

IJP/ms

Attachment

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**Benzie County
Summary Report
PE 07-082**

The performance evaluation for the County of Benzie was conducted on September 26 and 27, 2007. The County's written response was received on March 3, 2008. Due to the thorough and complete responses contained within the County's response to the recommendations enumerated within the Performance Evaluation report, a re-evaluation of the County's code enforcement program was deemed unnecessary.

The following summary report provides the recommendations from the performance evaluation report submitted to the Commission, the County's response to the recommendations, and the Bureau's analysis of the County's response.

1. Recommendation

The County shall consistently provide permit holders with written code violation notices with the appropriate sections of the code noted. Violation notices shall be provided to the permit holder in writing, including the date of the inspection, type of inspection, violations of the code with the applicable code sections cited and should consistently bear the signature of the inspector performing the inspection. The County shall maintain copies of the violations notices within the respective master permit files. The County shall develop a written procedure addressing the requirement to cite code section numbers upon notice of violation forms and shall provide a copy of its code violation notice form and a written set of procedures to the Bureau within 60 days of approval of this report.

Response/Analysis

The County has provided a written set of inspection procedures directing the County's inspectors to utilize written code violation notice forms and cite code sections upon the forms. The County has also provided a copy of its written code violation notice form as recommended. The County indicates that it is utilizing the forms and is consistently citing specific code sections upon the forms. Therefore, it is verified that the County has complied with Recommendation No. 1.

2. Recommendation

The County shall consistently and thoroughly review permit application forms prior to the issuance of building and trade permits for residential and commercial projects proposed for construction within the County. The County shall require the verification of the license number of the individual or entity applying for the permit prior to the issuance and release of the permit. The County shall develop, maintain, and consistently utilize a written procedure outlining the requirement for the thorough and complete review of permit application forms submitted from applicants prior to permit issuance and shall provide a copy to the Bureau within 60 days of approval of this report.

Response/Analysis

The County has provided the Bureau with a written procedure that outlines the requirement for the thorough and complete review of all permit application forms prior to permit issuance as recommended. Therefore, it is verified that the County has complied with Recommendation No. 2.

3. Recommendation

Due to the Bureau's concern indicated within finding No. 2 of this report, it is recommended that the County's electrical inspector obtain 5 additional hours of continuing education training in the plan review category, 5 additional hours of continuing education training in the specialty category, and 5 additional hours of continuing education training in the technical category within the 2006-2009 inspector registration cycle. The County shall provide a written report detailing the inspector's action plan toward achieving the additional continuing education training to the Bureau within 60 days of approval of this report.

Response/Analysis

The County has provided a written report that details the inspector's action plan toward achieving the additional hours of continuing education training as recommended. Therefore, it is verified that the County has complied with Recommendation No. 3.

4. Recommendation

The County shall continue to require plans of sufficient clarity to accompany all applications for building permits, except those that are minor in nature, and shall maintain and consistently utilize procedures to review plans to determine compliance with the codes prior to the issuance of permits. The County shall perform plan reviews, as required by the code, and shall maintain copies of the plan review reports in the project file. The County shall review plans during inspections to verify construction is being performed in accordance with approved plans and the code. If construction deviates from the plans, approval must be obtained from the building official. The County shall maintain proper plan review procedures and plan review record keeping procedures for residential and commercial projects proposed for construction within the County and shall provide the Bureau with a written set of its procedures within 60 days of approval of this report.

Response/Analysis

The County has provided the Bureau with a written set of plan review procedures and plan review record keeping procedures, as recommended. The County has also provided copies of its plan review checklist forms for commercial, residential, and trade projects proposed for construction within the County. Therefore, it is verified that the County has complied with Recommendation No. 4.



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

DOCUMENT #08-65

October 15, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director
Office of Local Government and Consumer Services

SUBJECT: Continuing Education Program Applicants

The programs listed on the attached pages are those for which approval has been requested by providers or sponsors of continuing education programs required of building officials, inspectors, and plan reviewers to renew their registrations. Document #08-65 is a list of programs that have been submitted for approval for the cycle beginning September 17, 2006 through September 16, 2009.

Each provider has documented appropriate content in relation to one or more of the continuing education categories and registrant classifications set forth in the administrative rules promulgated pursuant to 1986 PA 54.

It is the recommendation of Bureau staff that the programs submitted pursuant to the provisions of Act 54 be approved by the Commission.

SDF/kld

Attachments

Providing for Michigan's Safety in the Built Environment

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Telephone (517) 241-9347 • Fax (517) 241-9308
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Explanatory notes to accompany BCC 2008 Approved Continuing Education Program List:

DOCUMENT #08-65

* Registrants holding one or more Inspector classification are required to attend Technical and Specialty training to be eligible for reregistration at the end of the present code cycle. If that is successfully accomplished, there are no additional Technical or Specialty credits necessary to also become eligible for reregistration as either a Building Official and/or Plan Reviewer. A person who is registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive the listed Technical and/or Specialty credit towards reregistration qualification for attending this program.

Specialty approvals are granted for one of the four Inspector (trade) classifications. Inspectors receive credits only for attending programs associated with their trade; a Mechanical Inspector does not satisfy those requirements by attending a Building, Electrical or Plumbing program. Someone registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive credit for all Specialty programs attended, regardless of the trade(s).

Technical approvals are granted for programs addressing a specific code. Inspectors receive Technical credit only for programs addressing the code they enforce. Someone registered **only** as a Building Official and/or Plan Reviewer without any Inspector classification will receive credit for all Technical programs **in their cycle** which they attended, regardless of the trade.

** Programs approved for Plan Review credits satisfy unique requirements placed on Plan Reviewer registrants. Even though the title of an individual program may refer to a specific trade or code, all Plan Review program credits apply to any Plan Reviewer.

**** Credit for documented participation in/attendance at formal code change hearings conducted and reported by a nationally recognized code-promulgating organization will be recognized when the subject is a code enforced by the registrant. Credit is granted in one-hour increments and is divided between Technical and Specialty. The first hour is Technical, the second Specialty, the third Technical, the fourth Specialty, etc. Seven hours would be credited as four Technical and three Specialty, for example.

ISC = Independent Study Course

I = Internet Course

CR = Classroom

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

Program Number	Credit Hours					Contact	Organization	Phone	Title
	Admin	Comm	Spec	Tech	PR				
14313				3		John Hartigan	IAEL-Michigan Chapter	(586) 412-0832	Systems Grounding, Review of IAEI Western Section 2011 NEC Proposals and NEC Code Panel Questions and Answers, Part 1 (One Time Only)
14314			2			John Hartigan	IAEL-Michigan Chapter	(586) 412-0832	Underwriters Laboratory (UL) Electrical Inspectors Meeting and Visit Displays (One Time Only)
14315				4		John Hartigan	IAEL-Michigan Chapter	(586) 412-0832	NEC Code Panel Questions and Answers (Code Panel), Part 2-Transformer Basics and Overcurrent Protection, and Selective Coordination (One Time Only)
14316			1	2		John Hartigan	IAEL-Michigan Chapter	(586) 412-0832	Product Listing and Why It Is Important, Transformer, Tap Rules, and Overcurrent Protection and NEC Code Panel Questions and Answers, Part 3
14317				4		John Hartigan	IAEL-Michigan Chapter	(586) 412-0832	Charlie Trout Code Breakfast/Code Discussion, NEC Code Panel Question and Answers (Code Panel), Part 4 (One Time Only)
14318			1		1	Larry D. Pigg	Knox Associates	(623) 687-2300 x 585	Fire Sprinkler Connection Program (One Time Only)
14319				4		Tennison Barry	DLEG, BCC, Mechanical Division	(517) 241-9325	2006 MMC Review (Chapters 1-5)
14320				2		Tennison Barry	DLEG, BCC, Mechanical Division	(517) 241-9325	2006 MMC Review (Chapters 6-7)
14321				4		Tennison Barry	DLEG, BCC, Mechanical Division	(517) 241-9325	2006 MMC Review (Chapters 8-12)
14322				2		Tennison Barry	DLEG, BCC, Mechanical Division	(517) 241-9325	2006 MMC Review (Chapter 13)

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14323						MI*	Tennison Barry	DLEG, BCC, Mechanical Division	(517) 241-9325	2006 MMC Review (Chapters 14-16)
14324			1			BI*	Chris Lindeboom	iLevel by Weyerhaeuser	(616) 866-2186	Tall Wall Design and Applications
14325			2			MI*	Carl Pollex	MIAM	(248) 649-5443	Brazing & Welding Refrigeration
14326				2		MI*	Pete Kiser	MIAM	(248) 649-5443	Refrigeration 410A
14327					2	PR**	Jerry Payne	MIAM/WMMIA	(616) 530-7275	Commercial Plan Review, White Box Build Outs
14328				2	2	MI*, PR**	Robert Logan	MIAM	(248) 649-5443	Mechanical Code Requirements under the 2006 MMC & MRC
14329					2	MI*	Vernon Pappas	MIAM	(248) 649-5443	Residential Inspections-Code Requirements
14330					2	PR**	Jon Paradine	DLEG, BCC, Mechanical Division	(517) 241-9325	Fire Suppression Plan Review Training
14331	6					ALL	Wayne Shepard		(269) 327-1103	2006 MBC, Chapter 1, Sections 101-105
14332	6					ALL	Wayne Shepard		(269) 327-1103	2006 MBC, Chapter 1, Sections 106-115
14333	5					ALL	Wayne Shepard		(269) 327-1103	Administration 1-2006 MRC/MMC/MPC
14334			5			BI*	Wayne Shepard		(269) 327-1103	MRC-Mechanical & Plumbing Definitions for Building Inspectors
14335			5			BI*	Wayne Shepard		(269) 327-1103	MRC-Building Planning (Specialty)
14336			4			BI*	Wayne Shepard		(269) 327-1103	MRC-Manufactured Housing used as Dwellings
14337			4			BI*	Wayne Shepard		(269) 327-1103	MRC-Radon Control Methods
14338				5		BI*	Wayne Shepard		(269) 327-1103	MBC-Means of Egress
14339				5		BI*	Wayne Shepard		(269) 327-1103	MBC-Soils & Foundations
14340				5		BI*	Wayne Shepard		(269) 327-1103	MRC-Definitions
14341				5		BI*	Wayne Shepard		(269) 327-1103	MRC-Building Planning
14342				4		BI*	Wayne Shepard		(269) 327-1103	MRC-Foundations
14343					8	PR**	Tom S. Dorsey		(865) 657-3910	Electrical Plan Review for Residential and Commercial Installations (One Time Only)
14344					2	MI*	Marvin Schierbeek		(616) 456-3157	2006 MMC, Chapter 4, Ventilation
14345					2	MI*	Marvin Schierbeek		(616) 456-3157	2006 MMC, Chapter 4, Gas Piping Installation

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14346						2	MI*	Marvin Schierbeek		(616) 456-3157	2006 MMC, Chapter 5, Exhaust Systems
14347						2	MI*	Marvin Schierbeek		(616) 456-3157	2006 MMC, Commercial Kitchen Hoods
14348						2	MI*	Marvin Schierbeek		(616) 456-3157	2006 MMC, Chapter 6, Specific Appliances
14349						2	PR**	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Sprinkler Plan Review
14350						2	PR**	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Plan Review with Computers
14351	1					3	BI* (All-Admin Only)	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	2006 Residential Code Review & Act 157 and Amendments to PA 299
14352					3	1	BI*, PR**	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Inspection Techniques Review & Residential Plan Review
14353						4	EI*	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Electrical Requirements under the 2006 MRC
14354	1					3	EI*, ALL (Admin Only)	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Using Electrical Devices-2006 MRC & Electrical Administration
14355						4	MI*	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	2006 Michigan Mechanical Code
14356					3	1	MI*, PR**	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Mechanical Inspection Techniques & Mechanical Plan Review
14357						4	PI*	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	2006 MPC, Chapters 5-8
14358					3	1	PI*, PR**	Curtis E. Stowe	Certified Inspectors Training (CIT)	(248) 624-0570	Field Applications of the 2006 Plumbing Code & Effective Plumbing Plan Review
14359						3	PR**	Larry Lehman	DLEG, BCC, Building Division	(517) 241-9317	BIM Applications Workshop (One Time Only)
14360					6		MI*, PI*	Kimberly Riley	International Code Council	(888) 422-7233	2006 IPC/IMC/IFGC Significant Changes
14361	3						ALL	Henry L. Green	National Institute of Building Sciences	(202) 289-7800	National Institute of Building Sciences (One Time Only)

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14362						6	MI*	Daniel Driebel	Road Sprinkler Fitters Local 669	(920) 982-9760	NFPA 13 & 25, Water Based Fire Protection/Inspection
14363	1						ALL	William A. Miller	Tri-County Plumbing Inspectors Association	(313) 937-2023	Plumbing Administration (One Time Only)
14364		1					ALL	William A. Miller	Tri-County Plumbing Inspectors Association	(313) 937-2023	Issuing Notices and Orders (One Time Only)
14365				4			MI*	Wayne Shepard		(269) 327-1103	MMC: Definitions Used in the Michigan Mechanical Code
14366				4			MI*	Wayne Shepard		(269) 327-1103	MMC: Installations of Mechanical Equipment and Appliances
14367				3			MI*	Wayne Shepard		(269) 327-1103	MMC: Methods of Ventilation of Habitable & Uninhabitable Spaces
14368				4			MI*	Wayne Shepard		(269) 327-1103	MMC: Protection of Exhaust Systems and Air Containment
14369				4			MI*	Wayne Shepard		(269) 327-1103	MMC: Duct Systems Installation
14370						4	MI*	Wayne Shepard		(269) 327-1103	MMC: Definitions
14371						4	MI*	Wayne Shepard		(269) 327-1103	MMC: General Regulations
14372						3	MI*	Wayne Shepard		(269) 327-1103	MMC: Ventilation
14373						5	MI*	Wayne Shepard		(269) 327-1103	MMC: Exhaust Systems
14374						5	MI*	Wayne Shepard		(269) 327-1103	MMC: Duct Systems
14375						4	MI*	Wayne Shepard		(269) 327-1103	MMC: Combustion and Dilution Air for Fuel-Burning Appliances
14376						4	PI*	Wayne D. Robinson	City of Detroit	(313) 224-3182	2006 Michigan Plumbing Code- Chapter 4
14377						4	PI*	Wayne D. Robinson	City of Detroit	(313) 224-3182	2006 Michigan Plumbing Code- Chapter 6
14378						4	PI*	Wayne D. Robinson	City of Detroit	(313) 224-3182	2006 Michigan Plumbing Code- Chapters 7 & 8
14379						4	PI*	Wayne D. Robinson	City of Detroit	(313) 224-3182	2006 Michigan Plumbing Code- Chapter 9
14380						4	PI*	Wayne D. Robinson	City of Detroit	(313) 224-3182	2006 Michigan Plumbing Code- Chapter 11
14381	2						ALL	Jerry Payne	WMMIA	(616) 836-2412	So You've Been Served
14382						2	MI*	Jerry Payne	WMMIA	(616) 836-2412	Where Is That In The Code?
14383						2	MI*	Jerry Payne	WMMIA	(616) 836-2412	Fire Protection Systems
14384				3			ALL	Kimberly Riley	International Code Council	(888) 422-7233	2006 IRC Significant Changes

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14385			1	1	MI*, PR**	Milton W. Andrews	SEMMIA	(734) 424-9507	Round Table on Commonly Asked Questions
14386			2		PI*	James R. Russell	Tri-County Plumbing Inspectors Association	(248) 546-2616	Plumbing Material Roundtable (One Time Only)
14387			1	1	EI*, PR**	Anton M. Tomasin	Reciprocal Electrical Council, Inc.	(810) 796-9669	Grounding Electrode Systems for Plan Reviewers and Inspectors
14388	1			14	EI*, ALL (Admin Only)	David A. Williams		(517) 719-3186	Electrical Code Update Class-15 Hours
14389	3				ALL	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 1 & 2
14390				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 3 & 4
14391				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 5 & 6
14392				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 7 & 9
14393				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 8 & 12
14394				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 10 & 11
14395				3	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006-Chapter 13
14396				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 14 & 15
14397				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 16 & 17
14398				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 18 & 19
14399				6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 20-23
14400				3	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006-Chapter 24
14401				3	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006-Chapter 25

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14402					3	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006-Chapter 26
14403					6	BI*	Michael Taylor	City of Detroit	(313) 224-3243	Michigan Building Code 2006- Chapters 31 & 32
14404					15	EI*	Virgil Monroe		(906) 341-8808	Changes in the 2005 Michigan Electrical Code
14405				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Building Code-General (One Time Only)
14406				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Building Code Fire Safety (One Time Only)
14407				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Building Code, Means of Egress (One Time Only)
14408				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Building Code-Structural (One Time Only)
14409				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Energy Conservation Code (One Time Only)
14410				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Existing Building Code (One Time Only)
14411				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Fire Code (One Time Only)
14412				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Fuel Gas Code (One Time Only)
14413				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Mechanical Code (One Time Only)
14414				5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Plumbing Code (One Time Only)

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

14415			5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Residential Code- Building (One Time Only)
14416			5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Residential Code-Energy (One Time Only)
14417			5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Residential Code- Mechanical (One Time Only)
14418			5	5	ALL	Kimberly Riley	International Code Council	(888) 422-7233	2008 Final Action Hearings- International Residential Code- Plumbing (One Time Only)
14419			4		PI*	Wayne Shepard		(269) 327-1103	Michigan Plumbing Code Definitions
14420			2		PI*	Wayne Shepard		(269) 327-1103	Water Heater Installation Requirements
14421			4		PI*	Wayne Shepard		(269) 327-1103	Backflow Protection on Plumbing Systems
14422			4		PI*	Wayne Shepard		(269) 327-1103	Sanitary Drainage Installation
14423			5		PI*	Wayne Shepard		(269) 327-1103	Vents and Venting Requirements
14424				5	PI*	Wayne Shepard		(269) 327-1103	Plumbing Definitions
14425				4	PI*	Wayne Shepard		(269) 327-1103	General Regulations for Plumbing
14426				4	PI*	Wayne Shepard		(269) 327-1103	Plumbing Fixtures, Faucets, and Fixture Fittings
14427				3	PI*	Wayne Shepard		(269) 327-1103	Water Heater Requirements
14428				5	PI*	Wayne Shepard		(269) 327-1103	Water Supply & Distribution
14429				5	PI*	Wayne Shepard		(269) 327-1103	Sanitary Drainage for Plumbing Systems
14430			1		BI*	Trish Kutz	WTCA	(608) 274-4849	Design Responsibilities & Truss Design Drawings
14431			2		BI*	Trish Kutz	WTCA	(608) 274-4849	Overview of the Building Component Safety Information Booklet
14432				3	BI*	Walerian Domanski		(248) 537-3022	Soils & Foundations
14433				3	BI*	Walerian Domanski		(248) 537-3022	Structural Design
14434				3	PR**	Warren M. Wisner	SEMPIA	(734) 475-2425	ICC/ANSI A117-1-2003 / Barrier Free Plumbing Elements & Facilities



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

DOCUMENT #08-66

October 15, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director
Office of Local Government and Consumer Services

SUBJECT: Continuing Education Instructor Applications

Attached is a list of those individuals who have applied for approval as instructors of continuing education programs required of building officials, inspectors, and plan reviewers. The instructors listed are approved for the cycle beginning September 17, 2006 through September 16, 2009.

Each has documented training and experience in the topic which they propose to teach.

It is the recommendation of Bureau staff that they be approved as instructors by the Commission.

SDF/kld

Attachments

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Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 New Instructors

Instructor

Number	Last Name	First Name	MI	Affiliation/Experience
1811	Pollex	Carl		MIAM
1812	Kiser	Pete		MIAM
1813	Paradine	Jonathan	D	DLEG, BCC, Mechanical Division
1814	Shields	Clay	T	Road Sprinkler Fitters Local 669
1815	Miller	William	A	Tri-County Plumbing Inspectors Association
1816	Jones	Carl	E	City of Detroit
1817	Straughter	Rogers	E	City of Detroit
1818	Taylor	Michael		City of Detroit
1819	Domanski	Walerian		

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Renewal Instructors

Instructor Number	Last Name	First Name	MI	Affiliation/Experience
1088	Curtis	Charles	E	BCC/Building Division
1103	Andrews	Milton	W	SEMMIA
1504	Payne	Jerry		MIAM
1509	Pigg	Larry	D	Knox Associates



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

Document #08-67a-f

October 15, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director
Office of Local Government and Consumer Services

SUBJECT: Inspector Registration Applicants

Attached you will find lists of applicants for provisional registration as building officials, building inspectors, plan reviewers, electrical inspectors, mechanical inspectors and plumbing inspectors. Documents #08-67a, b, and c, are lists of applicants for provisional registration as building officials, building inspectors, and plan reviewers. Document #08-67d is a list of applicants for provisional registration as electrical inspectors presented to the Electrical Administrative Board on October 3, 2008. Document #08-67f is an applicant for provisional registration as a plumbing inspector presented to the State Plumbing Board on October 22, 2008.

Document #08-67e is an applicant for provisional registration as a mechanical inspector presented to the Board of Mechanical Rules on September 17, 2008. At that time, due to a lack of quorum, a recommendation was made for the applicant to be approved by the Board at the November 12, 2008, meeting.

SDF/jlp

Attachments

Providing for Michigan's Safety in the Built Environment

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BUILDING OFFICIALS

11/05/08 ccc

ESSER, Albert W.

Registered as Building Inspector/Plan Reviewer #005128 (7/2004)

Additional Building Official

Clare County

HAUGEN, Steven M.

Registered as Building & Mechanical Inspector/Plan Reviewer #005386 (10/2006)

Additional Building Official

Benzie County

POKE, Irvin J.

Registered as Building Inspector/Plan Reviewer #002231 (8/1994)

Replacing Henry Green (Registration #000002)

State of Michigan

BUILDING INSPECTORS

11/05/08 ccc

HANNA, Todd L.
Residential Builder's License #2101125179 (4/1995)
21,600+ hours as Carpenter
Additional Inspector
Fairfield Township – Lenawee County

JAMES, David A.
Residential Builder's License #2101122519 (9/1994)
10,800+ hours as Carpenter
Additional Inspector
City of Westland – Wayne County

KOPPELO, Mark B.
9,350+ hours as Carpenter
Replacing Seymour Zate (Registration #003313)
West Bloomfield Township – Oakland County

WALKER, Donald G.
Residential Builder's License #2101085437 (5/1989)
20,800+ hours as Carpenter
Additional Inspector
Bruce Township – Macomb County

PLAN REVIEWERS

11/05/08 ccc

COOK, Frederick H.
Mechanical Contractor's License #7109446 (1/1990)
Classifications 1, 2, 3, & 6
8,000+ hours HVAC
Additional Plan Reviewer
Leelanau County

HANNA, Todd L.
Residential Builder's License #2101125179 (4/1995)
21,600+ hours as Carpenter
Additional Plan Reviewer
Fairfield Township – Lenawee County

JAMES, David A.
Residential Builder's License #2101122519 (9/1994)
10,800+ hours as Carpenter
Additional Plan Reviewer
City of Westland – Wayne County

McBRIDE, Scott A.
Master Electrical License #6213751 (7/2004)
Additional Plan Reviewer
Sanilac County

ORMSBY, Michael E.
Master Electrical License #6214136 (7/2005)
Additional Plan Reviewer
York Township – Washtenaw County

WALKER, Donald G.
Residential Builder's License #2101085437 (5/1989)
20,800+ hours as Carpenter
Additional Plan Reviewer
Bruce Township – Macomb County

ELECTRICAL INSPECTORS

10/03/08 eab

11/05/08 ccc

McBRIDE, Scott A.
Master License #6213751 (7/2004)
Additional Inspector
Sanilac County

ORMSBY, Michael E.
Master License #6214136 (7/2005)
Additional Inspector
York Township – Washtenaw County

Document #08-67e

MECHANICAL INSPECTORS

09/17/08 bmr

11/05/08 ccc

COOK, Frederick H.
Contractor's License #7109446 (1/1990)
Classifications 1, 2, 3, & 6
8,000+ hours HVAC
Additional Inspector
Leelanau County

Document #08-67f

PLUMBING INSPECTORS

10/22/08 spb

11/05/08 ccc

KENI, Jerrod N.

Master License #8111440 (8/2004)

Replacing Michael A. Grimes (Registration #003204)

Marquette County



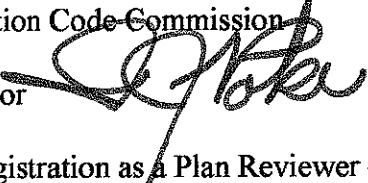
JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

Document #08-62

September 23, 2008

TO: Members of the Construction Code Commission
FROM: Irvin J. Poke, AIA, Director 
SUBJECT: Appeal of Provisional Registration as a Plan Reviewer – Christopher J. Redmond

Findings

Mr. Christopher J. Redmond originally applied for provisional registration as a Plan Reviewer for the Charter Township of Oshtemo, Kalamazoo County, on July 14, 2004. Mr. Redmond's job duties with the township were described as "Fire Protection Plan Review." His application indicated his experience with several companies as fire protection design, mechanical system design, engineering consulting, construction administration, fire protection consulting, plumbing design, and field surveying. Included with his application was a copy of his Professional Engineer License No. 0986186.

Mr. Redmond's application was ultimately denied because the type of plan reviews he was performing did not fall within the parameters of the Michigan Building Officials and Inspectors Act, 1986 PA 54, and the Building Officials, Plan Reviewers, and Inspector Registration Rules. In addition, his experience did not meet the minimum requirements of Rule 49 of the rules for registration.

On January 15, 2008, the bureau forwarded a letter to Robert L. Horton, Building Official, Charter Township of Oshtemo, indicating that it had been brought to the Bureau's attention that Mr. Redmond may be reviewing and approving plans for Fire Suppression Systems. The township was asked to provide verification whether or not Mr. Redmond was performing such reviews.

Providing for Michigan's Safety in the Built Environment

BUREAU OF CONSTRUCTION CODES
P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9347 • Fax (517) 241-9308
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Members of the Construction Code Commission

Page 2

September 23, 2008

The township responded indicating that because Mr. Redmond had been unable to become registered with the bureau as a Plan Reviewer, he would not be conducting "Fire System" reviews. They also indicated that all fire suppression plans would be reviewed by the International Code Council Services.

Mr. Redmond again applied for provisional registration as a Plan Reviewer for the Charter Township of Oshtemo, Kalamazoo County, on June 24, 2008.

Mr. Redmond's application showed the following experience: (Exhibit A)

1. Employer – SSOE, Inc.
Job Title – Fire Protection Group Leader
Dates of Employment – December 2007 - Present
Duties – No information provided on application.
2. Employer – Redmond Engineering & Design
Job Title – Owner
Dates of Employment – February 2000 - Present
Duties – No information provided on application.
3. Employer – Tower Pinkster Titus
Job Title – Mechanical Engineer
Dates of Employment – December 1999 – January 2002
Duties – No information provided on application.
4. Employer – Ghafari Associates
Job Title – Mechanical Engineer
Dates of Employment – January 1996 – October 1999
Duties – No information provided on application.

Mr. Redmond included a letter with his application stating that he is a licensed professional engineer performing various levels of fire protection engineering and consulting since 1996. He also states that he has performed fire protection plan reviews for Oshtemo Township since 2003 reviewing underground and aboveground fire protection piping for various occupancies. Also included was Mr. Redmond's resume and a copy of his Engineers license.

Rule 49 of the rules governing the registration of building officials, plan reviewers, and inspectors, states:

R 408.30049 Plan reviewer; experience.

Rule 49. An applicant for registration as a provisional plan reviewer shall comply with any of the following provisions:

(a) Have 4 years of experience in the general building construction field as a building contractor, as a person responsibly in charge of building construction, or as a skilled worker.

(b) Have successfully completed a recognized curriculum at an institution of higher education in architecture or engineering and have 2 years of practical experience in the construction trades.

(c) Possess 1 of the following:

(i) Licensure in the electrical trade.

(ii) Four years of experience in 1 or more of the work classifications defined in Act No. 192 of the Public Acts of 1984, as amended, being §338.971 et seq. of the Michigan Compiled Laws, and known as the Forbes mechanical contractors act. Two of the 4 years of experience shall have been at the journey level or at a higher level.

(iii) Licensure in the plumbing trade.

On July 30, 2008, the bureau forwarded a letter to Mr. Redmond indicating that fire protection plan reviews do not fall within the parameters of the Michigan Building Officials and Inspectors Registration Act, 1986 PA 54, and the Building Official, Plan Reviewers, and Inspector Registration Rules.

The letter also indicated that his experience does not meet the minimum requirements of Rule 49 of the rules for registration; and therefore, his application for provisional registration as a plan reviewer was denied. The letter also advised Mr. Redmond of his right to appeal that decision. (Exhibit B)

On August 6, 2008, the Bureau received a letter from Mr. Redmond requesting an appeal before the Construction Code Commission. (Exhibit C)

On August 15, 2008, the Bureau sent a letter to Mr. Redmond, acknowledging his request for an appeal. The letter advised Mr. Redmond that the Construction Code Commission would hear his appeal on November 5, 2008. (Exhibit D)

Conclusion

Although Mr. Redmond is a licensed professional engineer and has been granted 2 years of experience for his Bachelor of Science Degree in Mechanical Engineering, his employment in fire protection engineering and consulting cannot be considered as practical experience under Rule 49 of the rules for registration. Therefore, Mr. Redmond's experience does not meet the combined requirements of Rule 49.

Members of the Construction Code Commission

Page 4

September 23, 2008

Recommendation

It is recommended that the application of Christopher J. Redmond, for provisional registration as plan reviewer, be denied.

IJP/dmp

Attachments:	Exhibit A	Mr. Redmond's Application for Provisional Registration as Plan Reviewer
	Exhibit B	BCC Letter to Mr. Redmond dated July 30, 2008
	Exhibit C	Letter of Appeal from Mr. Redmond dated August 4, 2008
	Exhibit D	BCC Letter of Acknowledgement to Mr. Redmond dated August 15, 2008

cc: Christopher J. Redmond
John VanDyke, Supervisor, Charter Township of Oshtemo
Bob Horton, Building Inspector, Charter Township of Oshtemo

EXHIBIT A

Mr. Redmond's Application for Provisional Registration as Plan Reviewer

March 11, 2008

Michigan Department of Labor & Economic Growth
Bureau of Construction Codes
Lansing, MI 48909

RE: Application for Fire Protection Plan Reviewer

Dear Madam or Sir,

My name is Chris Redmond and I am a licensed professional engineer in the State of Michigan. I have worked as an engineer since graduating from Western Michigan University with a Bachelor of Science degree in Mechanical Engineering since 1994. My area of concentration is fire protection engineering. I have performed various levels of fire protection engineering and consulting since 1996. A representation of clients I have provided fire protection engineering or consulting services include The University of Texas, The University of Michigan, The University of Illinois, The Port Authority of New York/New Jersey, Kellogg, Pfizer, Ford, GM, and Honda. I am a current member of the National Fire Protection Association (NFPA) and have actively participated in NFPA training; especially NFPA 13.

I have performed fire protection plan reviews for Oshtemo Township since 2003. I feel a stake in providing services that protect my community from fire. I live in close proximity to Oshtemo Township and my parents live within the Township borders.

As a plan reviewer, I look at construction documents to ensure that they adhere to The Michigan Building Code and NFPA. I review underground and aboveground fire protection piping for various occupancies (business, mercantile, etc.). I verify that product submittals are listed and congruent with design intent. In addition, I review hydraulic calculations assuring that the computer model meets what is shown on the drawing. Last, in these 5 years of plan review, I have built relationships with area contractors reducing plan review time and easing building construction concerns.

I request that I be registered with the State of Michigan as a fire protection plan reviewer. Please refer to my attached application. I believe my qualifications, experience, and personal desire to help my community allow me the ability to serve Oshtemo Township. Your help in establishing me as a plan reviewer benefits not just Oshtemo Township, but the entire state as well.

Sincerely,



Chris Redmond, PE

Cc: Bob Horton, Oshtemo
File

**Application for Registration of Building Officials,
Code Inspectors and Plan Reviewers**
Michigan Department of Labor & Economic Growth
Bureau of Construction Codes
Office of Local Government and Consumer Services
P.O. Box 30255, Lansing, MI 48909
517-241-9347
www.michigan.gov/bcc

145

Authority: 1986 PA 54 Completion: Mandatory to be registered Penalty: May not be employed as a building official, code inspector or plan reviewer	The Department of Labor & Economic Growth will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability or political beliefs. If you need help with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this agency.
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Act 54 of 1986 and the Building Official, Plan Reviewers, and Inspector Registration Rules requires all building officials, plan reviewers, building, electrical, mechanical and plumbing inspectors to **apply for registration with the Construction Code Commission within 30 days of employment**. To register, an applicant shall complete and submit this form to the Construction Code Commission at the above address with the employment record and correct fee. This application must be completed in its entirety and include required supporting documentation. Incomplete applications cannot be processed and will be returned to the applicant.

☒ New Applicant ☐ Currently Registered - Registration Number _____

Applicant Information

PE License # 6201044443

NAME (Last, First, Middle) REDMOND, CHRISTOPHER JOHN		SOCIAL SECURITY NUMBER [REDACTED]	
HOME ADDRESS 2220 CHAPARRAL STREET		HOME TELEPHONE NUMBER (Include Area Code) [REDACTED]	
CITY KALAMAZOO	COUNTY KALAMAZOO	STATE MI	ZIP CODE 49006

Listed below are the registration classifications. Indicate the classifications for which you are seeking registration by placing a check mark in the appropriate box or boxes.

<input type="checkbox"/> 1. "Building Official" means a construction code enforcement person working as an inspector or plan reviewer or actively engaged in the administration and enforcement of adopted building, electrical, mechanical or plumbing codes, or any combination of these codes. <i>Prerequisite: Registration as an inspector or plan reviewer for two years.</i>			
<input type="checkbox"/> 2. "Inspector" means the person responsible for the administration and enforcement of the construction of buildings, structures or appurtenances under the requirements of the applicable building, electrical, mechanical or plumbing code administered and enforced within the jurisdiction of the employing enforcing agency.			
Indicate which trade or trades you will be inspecting and provide your license number and class (Contractor, Master or Journey) if appropriate. Include a copy of all licenses issued by the State of Michigan or the local licensing authority.			
Category	License #	Class	Category
<input type="checkbox"/> Building	_____	_____	<input type="checkbox"/> Mechanical
<input type="checkbox"/> Electrical	_____	_____	<input type="checkbox"/> Plumbing
<input checked="" type="checkbox"/> 3. "Plan Reviewer" means a person engaged in the practice of examining construction documents for the purpose of determining compliance with applicable codes.			
Indicate the type of plan review you will be performing.			
<input type="checkbox"/> Building	<input type="checkbox"/> Electrical	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Plumbing
<p align="right">OTHER: FIRE PROTECTION</p>			

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

AGENCY USE ONLY

Submit \$10.00 for each classification for each year of the current code cycle for which you are seeking registration.

\$ 10	Total Fee
--------------	-----------

Make check or money order payable to
State of Michigan

Code Enforcement Employment Verification (To be completed by the elected official or designee)

(If employed by more than one unit of government, attach additional sheets)

UNIT OF GOVERNMENT <i>Charter Township of Oshtemo</i>		COUNTY <i>Kalamazoo</i>	Date of Hire:
STREET ADDRESS <i>7275 West Main Street</i>		TELEPHONE NUMBER (Include Area Code) <i>269-216-5222</i>	INDICATE CODE AND EDITION CURRENTLY BEING ENFORCED
CITY <i>Kalamazoo</i>	STATE <i>MI</i>	ZIP CODE <i>49009</i>	Building <i>2003-MBC-MRC</i>
			Electrical <i>2005-Nec-2003MRC</i>
			Mechanical <i>2006 MMC</i>
			Plumbing <i>-</i>

DESCRIPTION OF DUTIES TO BE PERFORMED AS A CODE OFFICIAL

Fire Protection Plan review

Is this applicant replacing a previously registered inspector? ☐ Yes ☒ No

NAME OF PERSON BEING REPLACED	REGISTRATION NUMBER	DATE EMPLOYMENT TERMINATED
-------------------------------	---------------------	----------------------------

I hereby certify the applicant is in the employment of this unit of government, performing the type of work described on this application. *Pending registration Approval - Contractural Employee*

PRINT OR TYPE NAME OF ELECTED OFFICIAL OR DESIGNEE <i>John Van Dyke</i>	TITLE <i>Township Supervisor</i>
SIGNATURE OF ELECTED OFFICIAL OR DESIGNEE <i>John Van Dyke</i>	DATE <i>3-12-08</i>

Code Enforcement History Verification

Are you or have you previously been employed as a building official, code inspector or plan reviewer? ☐ Yes ☐ No

UNIT OF GOVERNMENT (Attach a list if more than four)	DATES OF EMPLOYMENT
UNIT OF GOVERNMENT	DATES OF EMPLOYMENT
UNIT OF GOVERNMENT	DATES OF EMPLOYMENT
UNIT OF GOVERNMENT	DATES OF EMPLOYMENT

An applicant for registration as an electrical or plumbing inspector shall indicate their license number on the front of this form and **must attach a copy of their license.**

An applicant for building inspector or plan reviewer, who holds a Michigan residential builder, maintenance and alteration, or architect or engineer license, shall indicate their license number on the front of this form and **must attach a copy of their license.**

An applicant for mechanical inspector who holds a Michigan mechanical contractor license shall indicate their license number on the front of this form and **must attach a copy of their license.**

All applicants must complete the attached Employment Record. List all work experience starting with your most recent employment and working backwards. Provide a *detailed description* of regularly assigned, ongoing duties for each job; include percentage of time spent on each duty. Attach additional sheets if necessary. Each form shall be signed by the employer or supervisor.

Qualifications for registration are evaluated by reviewing the employment records to determine that the applicant meets the minimum requirements set forth in the Construction Code Commission Rules providing standards for provisional registration, specifically, Rules 31 through 49. (Please note that Rule 37 requires 4 years of combined experience. 2,080 documented hours of field experience will be considered equal to 1 year.) Copies of the rules are available from the Michigan Department of Labor and Economic Growth, Bureau of Construction Codes.

All forms and attachments to the application shall be identified with your name and social security number.

Applicant Certification and Signature

I hereby certify all information contained in this application is true and complete. I agree and understand any falsification of material fact will result in my forfeiting any rights to consideration for registration under the provisions of 1986 PA 54 and the associated administrative rules.

SIGNATURE OF APPLICANT <i>Charlotte J. Redmond</i>	DATE <i>3-11-08</i>
---	------------------------

Employment Record

To ensure your application is processed in a timely manner, please refer to the instructions attached to this application for documentation requirements. Provide a detailed description of regularly assigned, ongoing duties for each job, including percentage of time spent on each duty. Attach additional sheets if necessary.

EMPLOYER GHAFARI ASSOCIATES		JOB TITLE Mechanical Engineer	
STREET ADDRESS 17101 Michigan Avenue		DATES OF EMPLOYMENT (MONTH/DAY/YEAR) FROM: 01/1996 TO: 10/1999	AVERAGE HOURS PER WEEK 40
CITY Dearborn		STATE MI	ZIP CODE 4
Percentage	Description of Your Duties		
%			
%			
%			
%			
%			
100%	SUPERVISOR'S SIGNATURE		TELEPHONE NUMBER (Include Area Code) 313-441-3000

EMPLOYER Tower Pinkster Titus		JOB TITLE Mechanical Engineer	
STREET ADDRESS 242 East Kalamazoo Ave. Suite 200		DATES OF EMPLOYMENT (MONTH/DAY/YEAR) FROM: 12/1999 TO: 01/2002	AVERAGE HOURS PER WEEK 40
CITY Kalamazoo		STATE MI	ZIP CODE 49007
Percentage	Description of Your Duties		
%			
%			
%			
%			
%			
100%	SUPERVISOR'S SIGNATURE		TELEPHONE NUMBER (Include Area Code) 269-343-6133

Employment Record

EMPLOYER <i>Redmond Engineering & Design</i>		JOB TITLE <i>Owner</i>	
STREET ADDRESS <i>P.O. Box 20523</i>		DATES OF EMPLOYMENT (MONTH/DAY/YEAR) FROM: <i>02/2000</i> TO: <i>PRESENT</i>	AVERAGE HOURS PER WEEK <i>10</i>
CITY <i>Kalamazoo</i>		STATE <i>MI</i>	ZIP CODE <i>49019</i>
Percentage	Description of Your Duties		
%			
%			
%			
%			
%			
100%	SUPERVISOR'S SIGNATURE		TELEPHONE NUMBER (include Area Code) <i>269-373-0358</i>

EMPLOYER <i>SSOE, Inc.</i>		JOB TITLE <i>Fire Protection Group Leader</i>	
STREET ADDRESS <i>5148 Lovers Lane, Suite 100</i>		DATES OF EMPLOYMENT (MONTH/DAY/YEAR) FROM: <i>12/2007</i> TO: <i>PRESENT</i>	AVERAGE HOURS PER WEEK <i>40</i>
CITY <i>Portage</i>		STATE <i>MI</i>	ZIP CODE <i>49002</i>
Percentage	Description of Your Duties		
%			
%			
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%			
100%	SUPERVISOR'S SIGNATURE		TELEPHONE NUMBER (include Area Code) <i>269-344-2855</i>

If necessary, make additional copies of this form.

CHRISTOPHER J. REDMOND PE, MBA

Title

Fire Protection Group Leader

Mr. Redmond has extensive experience in designing mechanical and fire protection systems for clients throughout the United States including BMW, Honda, Kellogg, Kraft Foods, Pfizer, Ford, GM, Chrysler, The Port Authority of New York/New Jersey, The University of Illinois-Champaign/Urbana, The University of Michigan-Ann Arbor, and The University of Texas-Houston. Mr. Redmond's expertise includes higher education, health care, automotive/industrial, pharmaceutical, food processing, pulp and paper, high-rise, government, retail, residential, religious, historic/architecturally significant, and gaming facilities. Seminars include CFPS Primer, NFPA 13 - Design of Automatic Sprinkler Systems, and Advanced Sprinkler Protection of Storage Occupancies.

Education

Mr. Redmond received both his Bachelor of Science in Mechanical Engineering and Master in Business Administration degrees from Western Michigan University. Mr. Redmond has 14 years of professional experience.

Specialization

- Fire protection engineering including fire suppression system design, life safety analysis, and code consultation.

Selected Project Experience

SSOE, Inc.; Portage, Michigan; Employed 2007 to Present

BMW; Greer, SC

Fire Protection Engineer

- Lead fire protection engineer for new 1.2 million square foot assembly plant.

American Honda Motor Company, inc; Raymond, OH

Fire Protection Engineer

- Lead fire protection engineer for thirteen new and renovated buildings for research and development campus.

Previous Experience

Fire Protection

The University of Texas MD Anderson Cancer Center: Site survey and building analysis of fire protection systems for JCAHO approval; Houston, Texas. 2007.

McClurg Court Center: Fire suppression design for high-rise apartment complex; Chicago, Illinois. 2007.

The Port Authority New York/New Jersey: Analysis of 7 World Trade Center structural collapse for court litigation; New York, New York. 2007



SSOE, INC.
ARCHITECTS • ENGINEERS

CHRISTOPHER J. REDMOND PE, MBA

Provena St. Joseph Medical Center: Site survey and building analysis of fire protection systems for JCAHO approval; Joliet, Illinois. 2007.

Four Winds Casino: Code consulting and construction management for Pokagon Band of Potawatomi Indians; New Buffalo, Michigan. 2007.

The University of Michigan: Fire suppression design for The Power Center for the Performing Arts; Ann Arbor, Michigan. 2005.

The University of Michigan: Fire suppression design for The Towsley Center for Continuing Medical Education; Ann Arbor, Michigan. 2005.

The University of Illinois: Life safety survey of over 7 million square feet of campus buildings; Champaign-Urbana, Illinois. 2004 to 2005.

Port Huron Federal Building: Fire alarm building assessment; Port Huron, MI. 2005.

Potter-Stewart Federal Building: Fire alarm building assessment; Cincinnati, OH. 2005.

Michael Reese Hospital: Site survey and building analysis of fire protection systems for JCAHO approval; Chicago, Illinois. 2005.

Safeway Company: Fire suppression design for Dominick's Food Stores #1147, 3271, and 1708; Chicago, Illinois. 2005.

Antwerp Township: Fire protection plan review for new and renovated facilities; Antwerp Township, Michigan. 2005.

Texas Township: Fire protection plan review for new and renovated facilities; Texas Township, Michigan. 2005 to present.

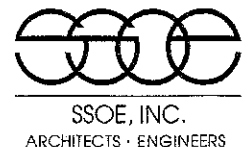
Saint Luke's Episcopal Church: Fire protection design for new building addition; Kalamazoo, Michigan. 2004.

Bela Sera Housing Development: Residential fire protection design for new housing complex; Oshtemo, Michigan. 2004.

712 Academy Residence: Residential fire protection design for renovated housing rental unit; Kalamazoo, Michigan. 2004.

Oshtemo Township: Fire protection plan review for new and renovated facilities; Oshtemo, Michigan. 2003 to present.

Pfizer Building #41: Various fire protection designs in clean rooms and storage areas; Portage, Michigan. 2001.



CHRISTOPHER J. REDMOND PE, MBA

Kellogg: Standpipe hydraulic calculation for cereal silos; Battle Creek, Michigan. 2001.

Kellogg: Fire protection design for warehouse; Battle Creek, Michigan. 2001.

Kraft General Foods Building #14: Design of fire protection system in cafeteria; Battle Creek, Michigan. 2001.

Kraft General Foods Building #22: Design of fire protection system in boiler room; Battle Creek, Michigan. 2000.

Kellogg Amenities Building: Fire protection demolition and revisions; Battle Creek, Michigan. 2000.

Visteon Rawsonville: Fire protection design of UAW training center; Rawsonville, Michigan. 1999.

Ford Dearborn Stamping: Fire protection design in renovated high-bay area; Dearborn, Michigan. 1999.

Visteon India: Fire protection design of E-Coat Powder Room; India. 1998.

Visteon Rawsonville: Fire protection upgrade for plastic part storage; Rawsonville, Michigan. 1998.

Delphi Automotive: Fire protection hydraulic calculations for plastic pallet storage; Anderson, Indiana. 1997.

GM Powertrain Livonia: Fire protection design for mist collection platforms; Livonia, Michigan. 1997.

GM Powertrain Livonia: Fire protection design for PV-6 Crankline platform and platforms C, D, and E; Livonia, Michigan. 1997.

GM Milford Proving Grounds: AC and fire protection design of communication room #30; Milford, Michigan. 1997.

Ford Utica: Fire protection design for locker rooms; Utica, Michigan. 1997.

Ford Dearborn Engine Plant: Storage-room fire protection design; Dearborn, Michigan. 1996.

HVAC, Plumbing, Process

Pfizer Portage Building 259: HVAC, plumbing, and process piping field survey for laboratory renovations; Portage, MI. 2007.

Pfizer Portage, Richland, and Kalamazoo: Reliability-Based Maintenance mechanical system assessment; Kalamazoo, MI. 2006 to 2007.

CHRISTOPHER J. REDMOND PE, MBA

Marathon Convenience Store: HVAC load calculations and room air balance design; Stevensville, Michigan. 2004.

North Side Association for Community Development: HVAC engineering design for new community room; Kalamazoo, Michigan. 2004.

Graphic Packaging: Energy recovery study for new versus existing heat exchangers; Kalamazoo, Michigan. 2004.

Checker Motors Corporation: Energy study for steam to gas conversion; Kalamazoo, Michigan. 2003 to 2004.

The Dewing Building: Boiler selection, mechanical room layout, and hydronic heating design for renovated building; Kalamazoo, Michigan. 2003.

Country Village Apartments: HVAC and plumbing design for assisted living apartments; Mount Pleasant, Michigan. 2003.

The Kalamazoo Nature Center: HVAC design and vibration/noise control for Fontana Chamber Arts Performing Center; Kalamazoo, Michigan. 2003.

Kalamazoo County Fairgrounds: Air-Conditioning design for Hazel Gray Building; Kalamazoo, Michigan. 2002.

American Axle: HVAC design for renovation of cafeteria and mezzanine offices; Three Rivers, Michigan. 2002.

Paw Paw SDA Church: HVAC design for new church addition; Paw Paw, Michigan. 2002.

White Pigeon Paper Building 17: Design of new steam make-up air unit; White Pigeon, Michigan. 2002.

Marshall Medical Center: HVAC design of new medical office; Marshall, Michigan. 2001.

United States Federal District Court: HVAC design for renovation of Bankruptcy Court; Lansing, Michigan. 2000.

Mid-Michigan Medical Center: HVAC & plumbing design for renovation of laboratory; Midland, Michigan. 2000.

Battle Creek Health Systems: HVAC & plumbing design for renovation of Health Wound Healing Center; Battle Creek, Michigan. 2000.

Battle Creek Health Systems: HVAC & plumbing design for renovation of Lung Suite; Battle Creek, Michigan. 2000.

CHRISTOPHER J. REDMOND PE, MBA

Credit Union One Building 423: HVAC and plumbing renovation; Ferndale, Michigan. 1999.

Visteon Rawsonville: Fuel lab as-builts; Rawsonville, Michigan. 1999.

GM Tech Center: HVAC design of new 3-D Visualization Room; Warren, Michigan. 1998.

Chrysler Maintenance Plant: Equipment installation design of new truck wash system; Detroit, Michigan. 1998.

USPS Lansing: Mechanical renovation for new Tray Management System; Lansing, Michigan. 1998.

Federal Mogul Office Renovation: Plumbing design and HVAC renovation; Southfield, Michigan. 1998.

GM Romulus: Sanitary sewer design for prototype car garage; Romulus, Michigan. 1998.

Detroit Police Precincts: Cooling load calculations; Detroit, Michigan. 1998.

Johnson Controls Renaissance Interior Facility: HVAC design for new facility; Detroit, Michigan. 1998.

New Venture Gear: As-builts of plumbing and process piping for 1.2 million square foot automotive plant; Muncie, Indiana. 1997.

Chrysler Sterling Stamping: Rack wash piping and ventilation design; Sterling Heights, Michigan. 1997.

Wayne County Road Maintenance Addition: Sanitary sewer design and equipment relocation; Wayne, Michigan. 1997.

GM Willow Run: Toilet room ventilation study; Ypsilanti, Michigan. 1997.

Ford Sterling: Air-dryer installation design; Sterling Heights, Michigan. 1997.

Ford Glass Plant: Energy study for steam to gas conversion; Dearborn, Michigan. 1996.

Registration

- Michigan, 6201044443, 1998, Mechanical Engineering

CHRISTOPHER J. REDMOND PE, MBA

Total Years Professional Experience: #

- SSOE, Inc. 0
- Other Firms 14

Professional Affiliations

- National Fire Protection Association, 1996 to present.

MIKE M. GRANHOFF
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH

A6346

BOARD OF PROFESSIONAL ENGINEERS
PROFESSIONAL ENGINEER
LICENSE

CHRISTOPHER J. REDMOND
2220 CHAPARRAL ST
KALAMAZOO MI 49006

RENEWAL DATE

EXPIRATION DATE

520104443

10/31/2009

1979678

THIS DOCUMENT IS ONLY
VALID IF THE LAWS OF THE
STATE OF MICHIGAN

EXHIBIT B

BCC Letter to Mr. Redmond dated July 30, 2008



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

July 30, 2008

Mr. Christopher J. Redmond
2220 Chaparral St.
Kalamazoo, Michigan 49006

Dear Mr. Redmond:

Your application for provisional registration as a plan reviewer received on June 24, 2008, has been reviewed.

Fire protection plan reviews do not fall within the parameters of the Michigan Building Officials and Inspectors Registration Act, 1986 PA 54, and the Building Official, Plan Reviewers, and Inspector Registration Rules.

In addition, the experience contained in your application does not appear to meet the requirements for provisional registration as set forth in Rule 49 of the Building Official, Plan Reviewers, and Inspector Registration Rules, which states:

R 408.30049 Plan reviewer; experience.

Rule 49. An applicant for registration as a provisional plan reviewer shall comply with any of the following provisions:

- (a) Have 4 years of experience in the general building construction field as a building contractor, as a person responsibly in charge of building construction, or as a skilled worker.
- (b) Have successfully completed a recognized curriculum at an institution of higher education in architecture or engineering and have 2 years of practical experience in the construction trades.
- (c) Possess 1 of the following:
 - (i) Licensure in the electrical trade.
 - (ii) Four years of experience in 1 or more of the work classifications defined in Act No. 192 of the Public Acts of 1984, as amended, being '338.971 et seq. of the Michigan Compiled Laws, and known as the Forbes mechanical contractors act. Two of the 4 years of experience shall have been at the journey level or at a higher level.
 - (iii) Licensure in the plumbing trade.

Therefore, your application for provisional registration as a plan reviewer is denied. You may appeal this decision by contacting the Bureau, in writing. If we do not receive a request for an appeal within 15 days, your application will be canceled and the fee submitted will be refunded.

If you have any questions, please contact me, or Dorothy Pfister, at (517) 241-9347.

Sincerely,


Scott D. Fisher, Director

Office of Local Government and Consumer Services

cc: John VanDyke, Supervisor, Charter Township of Oshtemo

DLEG is an equal opportunity employer/program.
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Providing for Michigan's Safety in the Built Environment

BUREAU OF CONSTRUCTION CODES
P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9347 • Fax (517) 241-9308
www.michigan.gov/dleg

EXHIBIT C

Letter of Appeal from Mr. Redmond dated August 4, 2008

August 4, 2008

Michigan Department of Labor & Economic Growth
Bureau of Construction Codes
P.O. BOX 30254
Lansing, MI 48909

ATTN: Scott D. Fisher, Director

RE: Appeal of denial for provisional registration as a plan reviewer.

Mr. Fisher,

I declare an appeal for the denial decision for provisional registration as a plan reviewer. As a licensed professional engineer in the state of Michigan with over 10 years experience in the construction industry, I respectfully dispute the Office's decision. Please provide the necessary information so that I may deliver the required evidence.

Thank you,



Chris Redmond, PE

Cc: John VanDyke, Supervisor, Charter Township of Oshtemo
Bob Horton, Building Inspector, Charter Township of Oshtemo

CHRISTOPHER REDMOND
2220 Chaparral Street
Kalamazoo, MI 49006

EXHIBIT D

**BCC Letter of Acknowledgement to Mr. Redmond
dated August 15, 2008**



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

August 15, 2008

Mr. Christopher J. Redmond
2220 Chaparral St.
Kalamazoo, MI 49006

Dear Mr. Redmond:

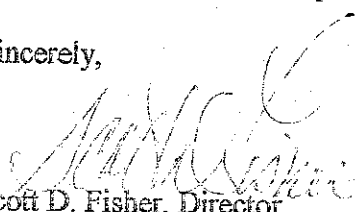
Your appeal of our agency's decision to deny your application for provisional registration as a Plan Reviewer was received August 6, 2008. The State Construction Code Commission will hear your appeal at their meeting on November 5, 2008. The meeting begins at 9:30 a.m., and will be held in Conference Room 3, 2501 Woodlake Circle, Okemos, Michigan.

Although you are not required to attend this meeting, you may wish to be present to provide any additional information that you consider relevant to your appeal, and answer any questions that the Commissioners may have.

Prior to the Commission meeting, you will be provided a copy of the information being presented to the Commission regarding your application.

If you have any questions, please contact me, or Dorothy Pfister, at (517) 241-9347.

Sincerely,


Scott D. Fisher, Director
Office of Local Government & Consumer Services

SDF/dmp

cc: John VanDyke, Supervisor, Charter Township of Oshtemo
Bob Horton, Building Inspector, Charter Township of Oshtemo

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JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

October 8, 2008

DOCUMENT #08-70

TO: Members of the Construction Code Commission
FROM: Robert G. Konyndyk, Chief, Plumbing Division *RHK*
SUBJECT: Update Approval of Penner Patient Care, Cascade Bath Systems, Premier, Model 360020-1P.

The applicant has requested consideration of a product very similar to those approved in No. 1537-PA.

APPLICANT REPRESENTATIVE:

Mr. Dale M. Wall

APPLICANT:

Mr. Dale M. Wall
Penner Manufacturing Inc.
102 Grant Street
Aurora, NE 68818

AUTHORITY:

Section 21 of 1972 PA 230 being section 125.1521 of the Michigan Compiled Laws.

PRODUCT:

Cascade Bath Systems, Premier, Model 360020-1P.

APPLICATION:

Health Care, Nursing Home Bathing Systems

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LABORATORY TESTS:

Underwriters Laboratories Inc.

CONDITIONS OF USE AND INSTALLATION:

1. All requirements of the Michigan Plumbing and Electrical codes shall be applicable.
2. Installations shall be in accordance with the manufacturer's specifications.
3. Requests from hospital or care institutions must be approved by the Health Department having jurisdiction.
4. Both hot and cold water supplies shall be protected by and approved for reduced pressure principle backflow preventer.
5. The unit shall discharge into an approved waste receptor.

RECOMMENDATION:

The State Plumbing Board recommended the product to the commission for approval at their September 23, 2008 board meeting.

RGK/dmc



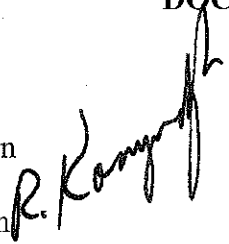
JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

October 22, 2008

DOCUMENT #08-73

TO: Members of the Construction Code Commission
FROM: Robert G. Konyndyk, Chief, Plumbing Division 
SUBJECT: Product Approval Request for Schier Grease Interceptor

The applicant has requested product approval for the Schier Products, GB-75 and GB-250 Great Basin Grease Interceptor Series to provide product acceptance through approval clarification.

APPLICANT REPRESENTATIVE:

Mr. Charles M. Ismert

APPLICANT:

Mr. Charles M. Ismert
Schier Products Company
2500 S. 170th Street
New Berlin, WI 53151

AUTHORITY:

Section 21 of 1972 PA 230 being Section 125.1521 of the Michigan Compiled Laws

PRODUCT:

Grease Interceptors identified by the following model numbers:

GB-75 and GB-250 Great Basin Grease Interceptor Series

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APPLICATION:

The grease interceptor is an engineered system for separating grease and oils from drain water flows. The separated grease and oils are trapped within the tank and are manually removed.

APPLICABLE CODE SECTION:

Section P-1002.6 Grease interceptor requirements

LABORATORY TEST:

NSF International Report dated February 21, 2008

#J-00052698 for the GB-75 and J-00048680 for the GB-250

IAPMO Report File 531719444 dated 5/01/2008

CONDITIONS OF USE AND INSTALLATION:

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Installed in accordance with manufacturer's installation instructions.

RECOMMENDATION:

The State Plumbing Board recommended the product to the commission for approval at their October 22, 2008, board meeting.

RGK/dmc